



Radiac Set AN/UDR-13

Description: The "Pocket" Radiac Set is a compact, hand-held or pocket-carried tactical device capable of measuring prompt gamma/neutron dose from a nuclear event plus gamma dose and dose-rate from nuclear fallout. A push-button pad enables mode selection, functional control, and the setting of audio and visual alarm thresholds for both dose-rate and mission dose. A "sleep" mode with automatic *wake up* is provided to enhance battery life. Data readout and warning/mode messages are provided by liquid crystal display.



Mission: Detect and measure nuclear radiation from fallout, radiological contamination, and nuclear detonations.

User: U.S. Army.

Capabilities:

- Replaces IM-93/PP-1578
- Combined rate meter and tactical dosimeter
- Settable audio and visual rate and dose alarms
- Measures dose rate from 0.1-999cGy/hr
- Measures total dose from 0.1-999cGy

Improvements over IM-93:

- Measures prompt dose including neutrons
- Has alarms and measures rate
- Does not require separate charger
- Backlit display
- Stable readings and calibration



For additional information, please contact Program Director-Detection, ATTN: AMSSB-PM-RNN-D, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.detection@sbccom.apgea.army.mil), by telephone at (410) 436-3526 or DSN 584-3526, or by fax to (410) 436-8929.